


FORM PTO-1449		U. S DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.		SERIAL NO.	
				U 016390-5		10/591,719	
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT					
		(Use several sheets if necessary)					
		APPLICANT					
		Alexandr Vasilievich GARMONOV et al.					
				FILING DATE		GROUP	
				September 5, 2006			
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	REFERENCE DESIGNATION	DOCUMENT NUMBER	DATE	NAME		FILING DATE IF APPROPRIATE	
/F.D./	AA	4,933,952	06/1990	Albrieux et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
/F.D./	AB	99/07090	02/1999	WO			
	AC	99/63692	12/1999	WO			
	AD	92/00639	01/1992	WO			
	AE	2 192 094	10/2002	RU	X		
	AF	2 208 911	07/2003	RU			
	AG	2 145 152	01/2000	RU			
OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)							
	AH	English Translation of RU 2 192 094 dated October 27, 2002					
	AI	Baskakov, S. I. "Radio Circuits and Signals" <i>Moscow "Vysshaya Skola"</i> (1988) Second Edition, pp 211-212					
	AJ	Kostic, Z. et al. "Estimation of the Parameters of a Multipath Channel Using Set-Theoretic Deconvolution" <i>IEEE Transactions on Communications</i> (1992) Vol. 40, No. 6, pp 1006-1011					
	AK	Gonorovsky, I. S. "Radio Circuits and Signals" <i>Moscow "Soviet Radio"</i> (1977) Third Edition, page 177					
	AL	Ehrenberg, J. E. et al. "Signal-Processing Techniques for Resolving Individual Pulses in a Multipath Signal" <i>Journal Acoustical Society of America</i> (1978) Vol. 63, No. 6, pp 1861-1865					
	AM	Fujitsu "Enhance the Beamforming Feature of the Multiple Antenna Tx Diversity" <i>TSG-RAN</i> (2000) 1065, Working Group 1, No. 15, pp 1-8					
	AN	Siemens "Advanced Closed Loop Tx Diversity Concept (eigenbeamformer)" <i>TSG-RAN</i> (2000) 0853, Working Group 1, No. 14, pp 1-12					
	AO	Hewitt, A. et al. "An Autoregressive Approach to the Identification of Multipath Ray Parameters from Field Measurements" <i>IEEE Transactions on Communications</i> (1989) Vol. 37, No. 11, pp 1136-1143					
	AP	Liberti, J. C. et al. "Smart Antennas for Wireless Communications - IS-95 and Third Generation CDMA Applications" <i>Prentice Hall PTR</i> (1999) Chapter 3, pp 81-116					
	AQ	Dighe, P. A. et al. "Analysis of Transmit-Receive Diversity in Rayleigh Fading" <i>IEEE Transactions on Communications</i> (2003) Vol. 51, No. 4, pp 694-703					
	AR	Jakes, J.C. "Microwave Mobile Communications" <i>IEEE Communications Society</i> (1974) pp 312-317					
	AS	Luo, J. et al. "Error Probability Performance for W-CDMA Systems with Multiple Transmit and Receive Antennas in Correlated Nakagami Fading Channels" <i>IEEE Transactions on Vehicular Technology</i> (2002) Vol. 51, No. 6, pp1502-1516					
EXAMINER				/Frank Donado/			
DATE CONSIDERED				08/26/2008			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							